

Recent IBM Patents

The following patents were recently issued by the countries in which the inventions were made.

France

7,220,510	H. J. Nussbaumer	Signal Processing Device for Weighting Delta Coded Sequences by Pairwise Summation of Coefficients
7,540,417	A. Milewski	Method and Apparatus for Determining the Initial Values of the Coefficients of a Complex Transversal Equalizer
7,639,689	D. Godard and A. Milewski	Adaptive Phase Detection Method and Apparatus
7,639,830	H. J. Nussbaumer	Symmetrical Digital Filter
7,718,762	A. Lautier and J. Monrolin	Receiver for Data Transmitted by Means of the Interleaved Binary Phase Shift Keyed Modulation Technique
7,730,171	D. Azzis and F. Delaporte	D/A Converter and Its Application to an A/D Converter

Germany

2,004,090	S. Wiedmann and H. H. Berger	Improvements Relating to Monolithic Transistor Structures
2,138,157	F. Koederitz, P. Skuin, P. Rudolph, and H. H. Lampe	Electronic Data Processor with Provision for Error Diagnosis
2,523,164	H. Besser, J. Wettlaufer, and G. Kieven	Terminal Assembly

The Netherlands

162,335	K. B. Maynard, E. D. DeJong, and J. Koch	Card Packaging Apparatus
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United Kingdom

1,561,482	D. J. Roberts and J. Simmons	Protection of Data Processing System Against Unauthorized Programs
1,563,165	A. F. Hydes	Character Display System

United States

4,177,448	R. K. Brayton	Character Recognition System and Method Multi-Bit Curve Vector Processing
4,198,119	E. C. Uberbacher	Connector for Optical Cable
4,198,156	R. B. Barker and J. B. Stack	Optics Contamination Prevention Utilizing a Coanda Air Deflection System
4,198,159	R. P. Cachon	Optical Alignment System in Projection Printing
4,198,577	S. M. Faris	Loop Decoder for Josephson Memory Arrays
4,198,681	G. R. Furr, Jr.	Segmented Storage Logging and Controlling for Partial Entity Selection and Condensing
4,198,696	C. L. Bertin, J. Bula, L. C. Martin, and T. A. Williams	Laser Cut Storage Cell
4,199,385	R. Y. Hung and K. K. Shih	Method of Making an Optically Isolated Monolithic Light Emitting Diode Array Utilizing Epitaxial Deposition of Graded Layers and Selective Diffusion
4,199,664	J.-C. C. Grangé, P. Hernandez, D.F. Reynès, J.-P. L. Suzzoni, and N. H. Tu	Telephone Line Circuit
4,199,695	P. W. Cook and S. E. Schuster	Avoidance of Hot Electron Operation of Voltage Stressed Bootstrap Drivers
4,199,767	A. S. Campbell and J. H. Jennings	Nozzle Valve for Ink Jet Printers
4,200,386	C. A. Queener	Copier/Collator with Extended Collate Functions
4,200,827	R. K. Oswald	Positioning System Employing Feedforward and Feedback Control
4,200,868	W. L. Lamoureux, W. J. Martin, and J. B. Trushell	Buffered High Frequency Plasma Display
4,200,913	E. Kuhar and D. L. Smith	Operator Controlled Programmable Keyboard Apparatus
4,200,927	J. F. Hughes, J. S. Liptay, J. W. Rymarczyk, and S. E. Stone	Multi-Instruction Stream Branch Processing Mechanism
4,202,542	G. B. Lammers and R. T. Ritchie	Apparatus for Handling Flexible Sheet Material of Different Sizes
4,202,704	R. T. Hodgson, H. J. Hovel, and J. M. Woodall	Optical Energy Conversion
4,202,914	J. Havas and G. Paal	Method of Depositing Thin Films of Small Dimensions Utilizing Silicon Nitride Lift-Off Mask
4,203,051	M. H. Hallett, M. J. Heneghan, and B. R. Sowter	Cathode Ray Tube Apparatus